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Patent  
Atty. Docket No. GEGR8082.002**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Yudong Zhu  
Serial No. : 10/723,311  
Filing Date : November 26, 2003  
Title : Method and Apparatus to Reduce RF Power  
Deposition During MR Data Acquisition  
Group Art No. : 3732  
Examiner : Shrivastav, B.

**CERTIFICATION UNDER 37 CFR 1.8(a) and 1.18**

I hereby certify that, on the date shown below, this correspondence is being:

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Date: 2-11-05

Lisa J. Charney  
Signature

Commissioner for Patents  
P.O. Box 1450  
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**DECLARATION UNDER 37 C.F.R. §1.131**

I, Yudong Zhu, being duly sworn, depose and say:

1. That I am the inventor for the above-identified Patent Application;
2. That I have reviewed the claims of this Application;
3. That I conceived in the United States, prior to August 20, 2002, the effective date of the cited reference, USP 6,828,790, the invention as set forth in the aforementioned claims, and

Zhu, Yudong

S/N: 10/723,311

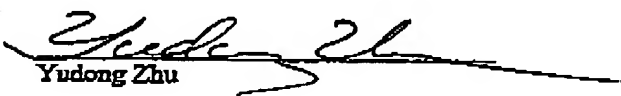
in particular, a process and system to independently control a plurality of transmit coils of a transmit coil array.

4. Attached as Exhibited A is a copy of my disclosure letter titled "Acceleration of Focused Excitation with a Transmit Coil Array" to my employer that was prepared prior to August 20, 2002 evidencing conception of the above-captioned invention.

5. That from before August 20, 2002 to November 26, 2003, the filing date of the present application, I diligently worked toward reducing the above-captioned invention to practice and worked with patent counsel in the preparation of a patent application for the claimed invention.

That the statements made herein are of my own knowledge and are true and made on information and belief that are believed to be true.

I acknowledge that any willful false statements and the like made herein are punishable by fine or imprisonment, or both, and may jeopardize the validity of the application or any patent issuing thereon.

  
Yudong Zhu

Dated: Feb 8, 2005